

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: MILLER, Timothy J. et al.

Serial No.: 10/648,994

Filed: 08/27/2003

For: USE OF *ESCHERICHIA COLI* HEAT LABILE TOXIN  
AS AN ADJUVANT IN BIRDS AND POULTRY

Docket No.: 62,589A

Group

Examiner:

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR 1.97(B)(1)**

Applicants submit herewith patents, publications or other information of which they are aware, which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose.

The accompanying form PTO 1449 (modified) identifies patents and publications submitted herewith. Copies of the cited references are supplied herewith.

Respectfully submitted,

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Date: February 19, 2004

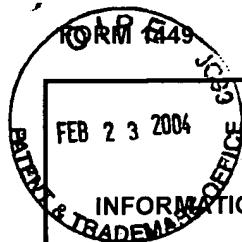
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<b>INFORMATION DISCLOSURE STATEMENT</b>  (Use Several Sheets if necessary)	ATTY DOCKET NO.	SERIAL NO.
	62,589A	10/648,994
	APPLICANT	
	MILLER, Timothy J. et al	
	FILING DATE	GROUP
	08/27/2003	

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	AA	US 5,654,184	08/05/97	Curtiss, III et al.	435	172.3	
	AB	US 5,679,880	10/21/97	Curtiss, III et al.	800	205	
	AC	US 5,686,079	11/11/97	Curtiss, III et al.	424	234.1	
	AD	US 6,395,964	05/28/02	Arntzen, et al.	800	288	
	AE	US 6,194,560	02/27/01	Arntzen et al.	536	23.7	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES   NO
	BA	WO 00/37609	06/29/00	PCT			
	BB						
	BC						
	BD						

## OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

CA	Streatfield, Stephen J. et al.: "Development of an Edible Subunit Vaccine in Corn Against Enterotoxigenic Strains of <i>Escherichia Coli</i> ", <u>In Vitro Cell. Dev. Biol. - Plant</u> 38:11-17, January-February 2002.
CB	Lopes, Luciene M. et al.: "Inhibition of T-cell Response by <i>Escherichia coli</i> Heat-Labile Enterotoxin-Treated Epithelial Cells", <u>Infection and Immunity</u> , Dec. 2000, p. 6891-6895.
CC	Vervelde, Lonneke et al.: "Induction of a local and systemic immune response using cholera toxin as vehicle to deliver antigen in the lamina propria of the chicken intestine", <u>Veterinary Immunology and Immunopathology</u> , 62 (1998) 261-272.
CD	Hoshi, Sumio et al.: "Induction of protective immunity in chickens orally immunized with inactivated infectious bursal disease virus", <u>Vaccine</u> , Vol. 13, No. 3, pp 245-252, 1995.
CE	Meinersmann, R. J. et al.: "Effect of <i>Vibrio cholerae</i> Toxin on Oral Immunization of Chickens", <u>Avian Diseases</u> 37:427-432, 1993.
CF	
CG	
CH	

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to Applicant.